

Electron angular momentum

- Ionization potential*
- Electron angular momentum**
 - See also narrower: *Electron spin*
 - See also related: *Spin-orbit coupling*
- Electron-atom collisions**
 - Valid heading during volumes 126-130 (1997-June 1999) only
 - See
 - Atomic collisions*
 - electron-atom*
 - Electron collisions*
 - electron-atom*
- Electron attachment**
 - See also related:
 - Anions*
 - Electron capture*
 - Electron detachment*
- Electron backscattering**
 - See also related: *Secondary electron emission*
- Electron beam**
 - See *Electron beams*
- Electron beam evaporation**
 - See also related:
 - Electron beams*
 - Evaporation*
- Electron beam induced current**
 - See also related:
 - Electron beams*
 - Electron beam spectroscopy*
 - Scanning electron microscopy*
- Electron beam lithography**
 - See also related:
 - Electron beam resists*
 - Electron beams*
 - X-ray masks*
- Electron beam resists**
 - See also related:
 - Electron beam lithography*
 - Electron beams*
- Electron beams**
 - See also related:
 - Aharonov-Bohm effect*
 - Betatron*
 - Cathode ray tubes*
 - Electron beam evaporation*
 - Electron beam induced current*
 - Electron beam lithography*
 - Electron beam resists*
 - Electron beam spectroscopy*
 - Electron collisions*
 - Electron diffraction*
 - Electron emission*
 - Electron microprobe analysis*
 - Electron microprobes*
 - Electron microscopes*
 - Electron microscopy*
 - Electron optics*
 - Electron-positron colliders*
 - Electron-proton colliders*
 - Electron radiolysis*
 - Electron tubes*
 - Free electron lasers*
 - Free electrons*
 - See also *Beta particle [12587-47-2]*
- Electron beam spectroscopy**
 - See also narrower: *Electron energy loss spectroscopy*
 - See also related:
 - Auger electron spectroscopy*
 - Electron beam induced current*
 - Electron beams*
 - Electron diffractometry*
- Electron beam vapor deposition**
 - Valid heading during volumes 126-130 (1997-June 1999) only
 - See *Vapor deposition process, electron-beam*
- Electron beam welding of metals**
 - Valid heading during volumes 127-130 (July 1997-June 1999) only
 - See *Welding of metals, electron-beam*
- Electron bubble**
 - See also related:
 - Conduction electrons*
 - Electron liquid*
 - Solvated electrons*
 - Superfluids*
- Electron capture**
 - See also narrower: *Dissociative electron capture*
 - See also related:
 - Electron attachment*
 - Electron-ion recombination*
 - Electron transfer*
 - Ionization*
- Electron capture decay**
- Electron-capture decay**
 - See *Electron capture decay*
- Electron capture detectors**
- Electron-cluster collisions**
 - Valid heading during volumes 126-130 (1997-June 1999) only
 - See
 - Cluster collisions*
 - electron-cluster*
 - Electron collisions*
 - electron-cluster*
- Electron collisions**
 - See also narrower:
 - Electron attachment*
 - Electron backscattering*
 - Electron impact dissociation*
 - Electron impact excitation*
 - Electron impact ionization*
 - See also related:
 - Electron beams*
 - Electron-phonon scattering*
- Electron configuration**
 - See also narrower:
 - Electron hybridization*
 - Lone-pair electrons*
 - Pi electrons*
 - See also related:
 - Atomic orbital*
 - Electron correlation*

- Electron density*
- Isoelectronic sequence*
- Valence*
- Electron configuration and Electron density**
 - See *Electron configuration*
- Electron correlation**
 - See also related:
 - Correlation energy*
 - Dispersion potential*
 - Electron configuration*
 - Electron density*
 - Electronic state*
 - Exchange-correlation potential*
 - Lattice models*
- Electron crystal**
 - See *Electron crystals*
- Electron crystals**
 - See also related:
 - Electron gas*
 - Electron liquid*
- Electron cyclotron masers**
 - See *Cyclotron masers*
- Electron cyclotron resonance**
 - See also related:
 - Cyclotron masers*
 - Ion cyclotron resonance*
- Electron delocalization**
 - See also related:
 - Conjugation (bond)*
 - Delocalization energy*
 - Electron density*
 - Electron hybridization*
 - Electron localization*
- Electron density**
 - See also narrower:
 - Electron momentum density*
 - Valence electron density*
 - See also related:
 - Bond order*
 - Charge density wave*
 - Electron configuration*
 - Electron correlation*
 - Electron delocalization*
 - Electron localization*
 - Electron spin density*
 - Electrostatic charge*
 - Nephelauxetic effect*
 - Plasma*
 - Surface electric charge*
 - Valence*
- Electron detachment**
 - See also narrower: *Electron photodetachment*
 - See also related:
 - Electron attachment*
 - Ionization*
- Electron detectors**
 - See also related:
 - Electron microscopes*
 - Electron optics*
- Electron diffraction**
 - See also narrower: *Photoelectron diffraction*
 - See also related:
 - Crystal structure*
 - Debye-Waller factor*
 - Electron beams*
 - Electron diffractometry*
 - Electron microscopes*
 - Electron microscopy*
 - Electron optics*
 - Metallography*
 - Surface structure*
 - X-ray diffraction*
- Electron diffractometry**
 - See also narrower:
 - Convergent beam electron diffractometry*
 - Photoelectron diffractometry*
 - Transmission electron diffractometry*
 - See also related:
 - Auger electron spectroscopy*
 - Electron beam spectroscopy*
 - Electron diffraction*
 - Photoelectron spectroscopy*
- Electron donors**
 - See also narrower:
 - Deep donors*
 - Shallow donors*
 - Thermal donors*
 - See also related:
 - Acidity*
 - Defect level*
 - Donor levels*
 - Dopants*
 - Electric activation (dopants)*
 - Electron acceptors*
 - Electron transfer*
 - Electron traps*
 - Exciplex*
 - Hole traps*
 - Inductive effect*
 - Localized electronic state*
- Electronegativity**
 - See also related:
 - Bond*
 - Electron affinity*
 - Electrophilicity*
 - Hardness (electronic structure)*
 - Ionization potential*
 - Nucleophilicity*
- Electron emission**
 - See also narrower:
 - Auger process*
 - Exoelectron emission*
 - Field emission*
 - Photoemission*
 - Secondary electron emission*
 - Thermionic emission*
 - See also related:
 - Autoionization*
 - Beta decay*
 - Cathodes*
 - Electron beams*
 - Electron emission spectroscopy*

- Electron internal conversion*
- Electron-positron pair*
- Electron sources*
- Electron tubes*
- Emission spectra*
- Hot electrons*
- Ion emission*
- Ionization*
- Electron emission spectroscopy**
 - See also narrower:
 - Auger electron spectroscopy*
 - Photoelectron spectroscopy*
 - See also related:
 - Electron emission*
 - Electron spectrometers*
- Electron emission x-ray analysis**
 - See *X-ray photoelectron spectroscopy*
- Electron energy loss spectroscopy**
- Electron exchange**
 - See *Electron transfer*
- Electron exchange and Charge transfer**
 - See *Electron transfer*
- Electron exchange catalysts**
 - See *Electron transfer catalysts*
- Electron exchangers**
 - See also related:
 - Oxidizing agents*
 - Redox agents*
 - Reducing agents*
- Electron gas**
 - See also narrower:
 - One-dimensional electron gas*
 - Two-dimensional electron gas*
 - See also related:
 - Cathode ray tubes*
 - Charge density wave*
 - Electron crystals*
 - Electron-hole plasma*
 - Electron liquid*
 - Fermi fluids*
 - Free electrons*
 - Heavy fermion systems*
 - Hole gas*
 - Plasmon*
- Electron guns**
 - See *Electron sources*
- Electron-hole pairs**
 - See also related:
 - Conduction electrons*
 - Exciton*
 - Hole (electron)*
- Electron-hole plasma**
 - See also related:
 - Electron gas*
 - Electron liquid*
 - Free electrons*
 - Hole (electron)*
 - Hole gas*
 - Plasmon*
- Electron-hole recombination**
 - See also narrower:
 - Auger recombination*
 - Surface recombination*
 - See also related:
 - Auger process*
 - Conduction electrons*
 - Electron-ion recombination*
 - Exciton*
 - Hole (electron)*
- Electron holography**
- Electron hybridization**
 - See also related:
 - Atomic orbital*
 - Bond*
 - Electron delocalization*
- Electronic device fabrication**
 - See also narrower: *Semiconductor device fabrication*
 - See also related:
 - Contamination (electronics)*
 - Electric apparatus*
 - Electronic packaging process*
 - Electronics*
- Electronic device packaging**
 - See
 - Electronic packages*
 - Electronic packaging materials*
 - Electronic packaging process*
- Electronic device quality**
 - Valid heading during volumes 126-130 (1997-June 1999) only
 - See *Electronic device fabrication, quality*
- Electronic displays**
 - See *Optical imaging devices*
- Electronic energy transfer**
 - See also related:
 - Electronic transition*
 - Exciton*
 - Fluorescence decay*
 - Luminescence quenching*
 - Photoinduced energy transfer*
- Electronic excitation**
 - See also narrower:
 - Inner shell excitation*
 - Photoexcitation*
 - Rydberg state excitation*
 - Singlet state excitation*
 - Triplet state excitation*
 - See also related:
 - Electron impact excitation*
 - Fluorescence excitation*
 - Interband transition*
 - Optical absorption*
 - Singlet-triplet transition*
 - UV absorption*
 - UV and visible spectra*
 - Vibronic excitation*
- Electronic ground state**
 - See *Ground state*
- Electronic heat capacity**
 - Valid heading during volumes 129-130 (July 1998-June 1999) only
 - See *Heat capacity, electronic*